

What is claimed is:

1. 1. A reflector structure in a multi-domain liquid crystal display comprising:
  2. an active matrix device structure, said active matrix device structure having at least one region of different height level thereon;
  4. a diffusing layer being formed above said active matrix device structure, said diffusing layer having a plurality of extruded bumps of various film thickness and various heights and shapes thereon; and
  7. a structure of a multi-domain reflective layer being deposited on said diffusing layer.
1. 2. The reflector structure in a multi-domain liquid crystal display as claimed in claim 1, wherein said diffusing layer is a layer of photo-resist material having an average film thickness between one-twentieth of a cell gap to one cell gap.
1. 3. The reflector structure in a multi-domain liquid crystal display as claimed in claim 1, wherein the average height difference of said at least one region of different height level is between zero to one-third of a cell gap.
1. 4. The reflector structure in a multi-domain liquid crystal display as claimed in claim 1, wherein said extruded bumps have average slope angles between zero to 10 degrees.
1. 5. The reflector structure in a multi-domain liquid crystal display as claimed in claim 1, wherein said structure of a multi-domain reflective layer is the structure of a reflective layer of a reflective twisted nematic, super twisted nematic, thin film transistor or thin film diode.
1. 6. The reflector structure in a multi-domain liquid crystal display as claimed in claim 1, wherein said structure of a multi-domain reflective layer is the structure of a

3       reflective layer of a semi-reflective twisted nematic, super twisted nematic, thin film  
4       transistor or thin film diode.

1       7. A multi-domain liquid crystal display comprising the reflector structure as claimed in  
2       claim 1.

1       8. The multi-domain liquid crystal display as claimed in claim 7, said liquid crystal  
2       display being a reflective, or semi-reflective thin film transistor liquid crystal display.

1       9. The multi-domain liquid crystal display as claimed in claim 8, said liquid crystal  
2       display being a self-compensated twisted nematic, reflective twisted nematic,  
3       reflective electrical controlled birefringence or mixed mode twisted nematic thin film  
4       transistor liquid crystal display.